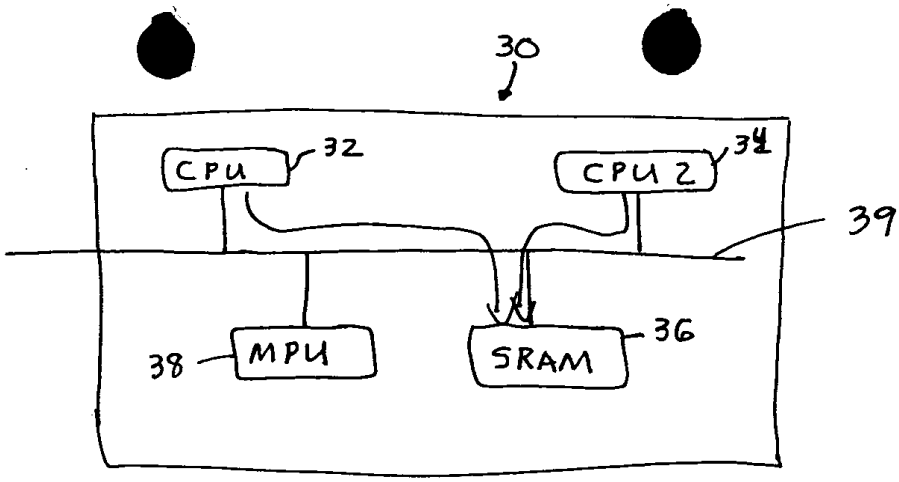

PRIOR ART

FIGURE 1

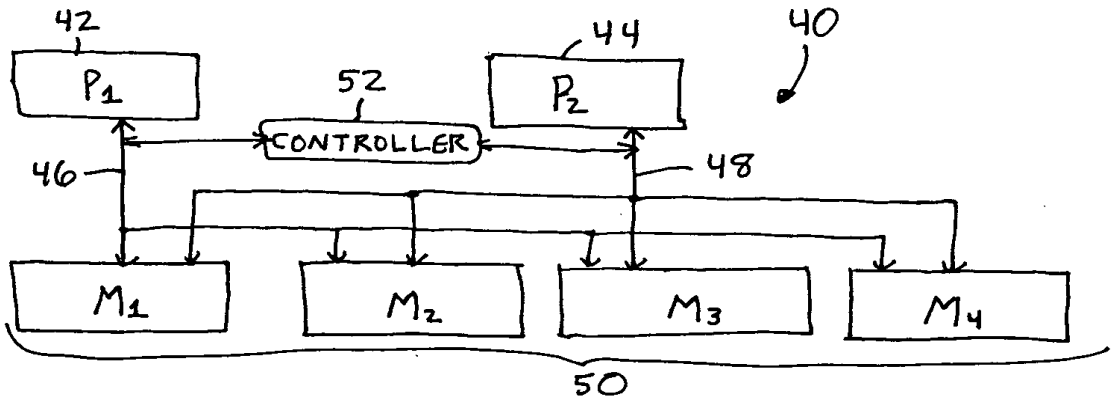

FIGURE 2

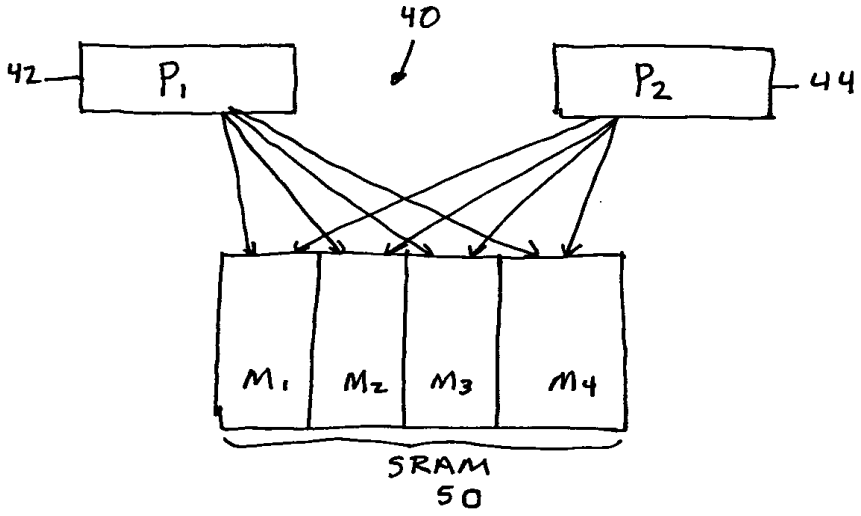

FIGURE 3

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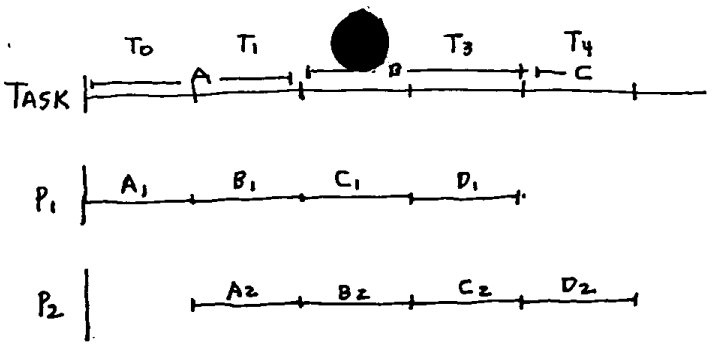

FIGURE 4

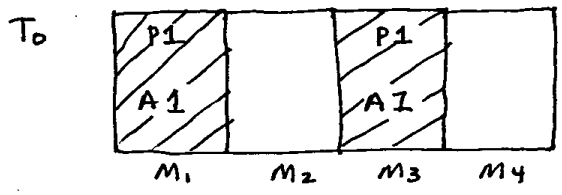

Figure 5A

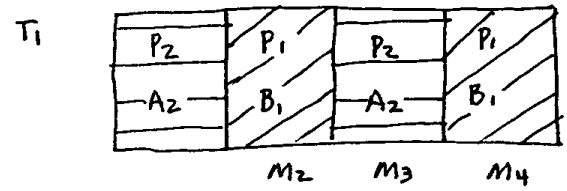

Figure 5B

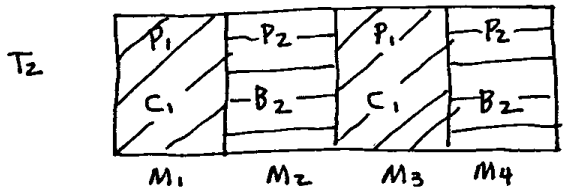

Figure 5C

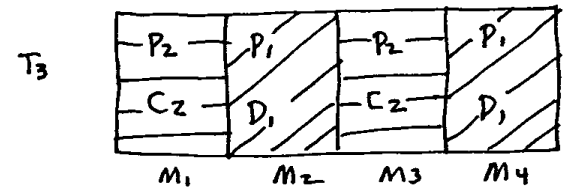

Figure 5D

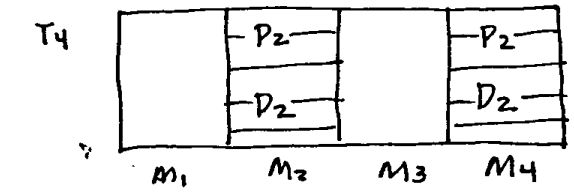

Figure 5E

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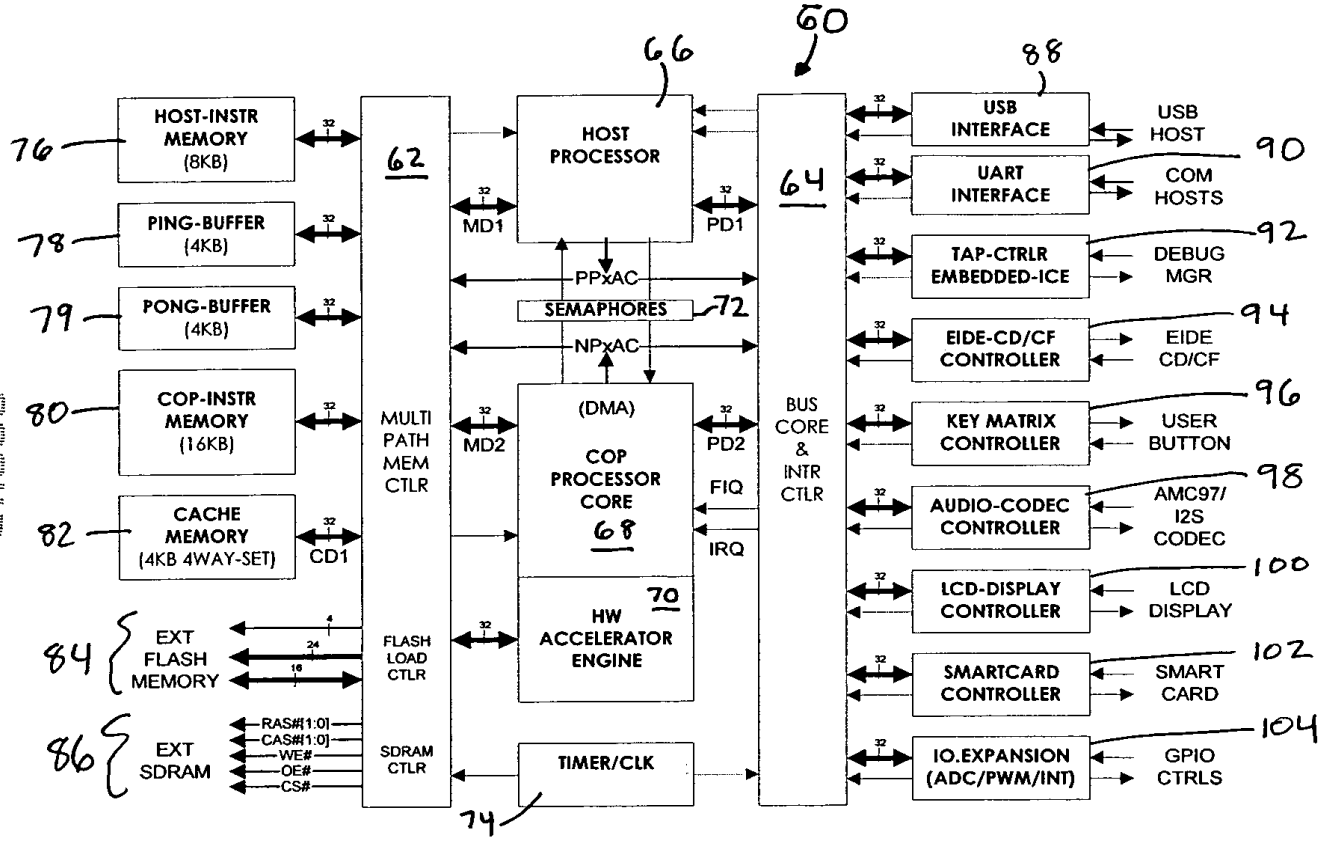
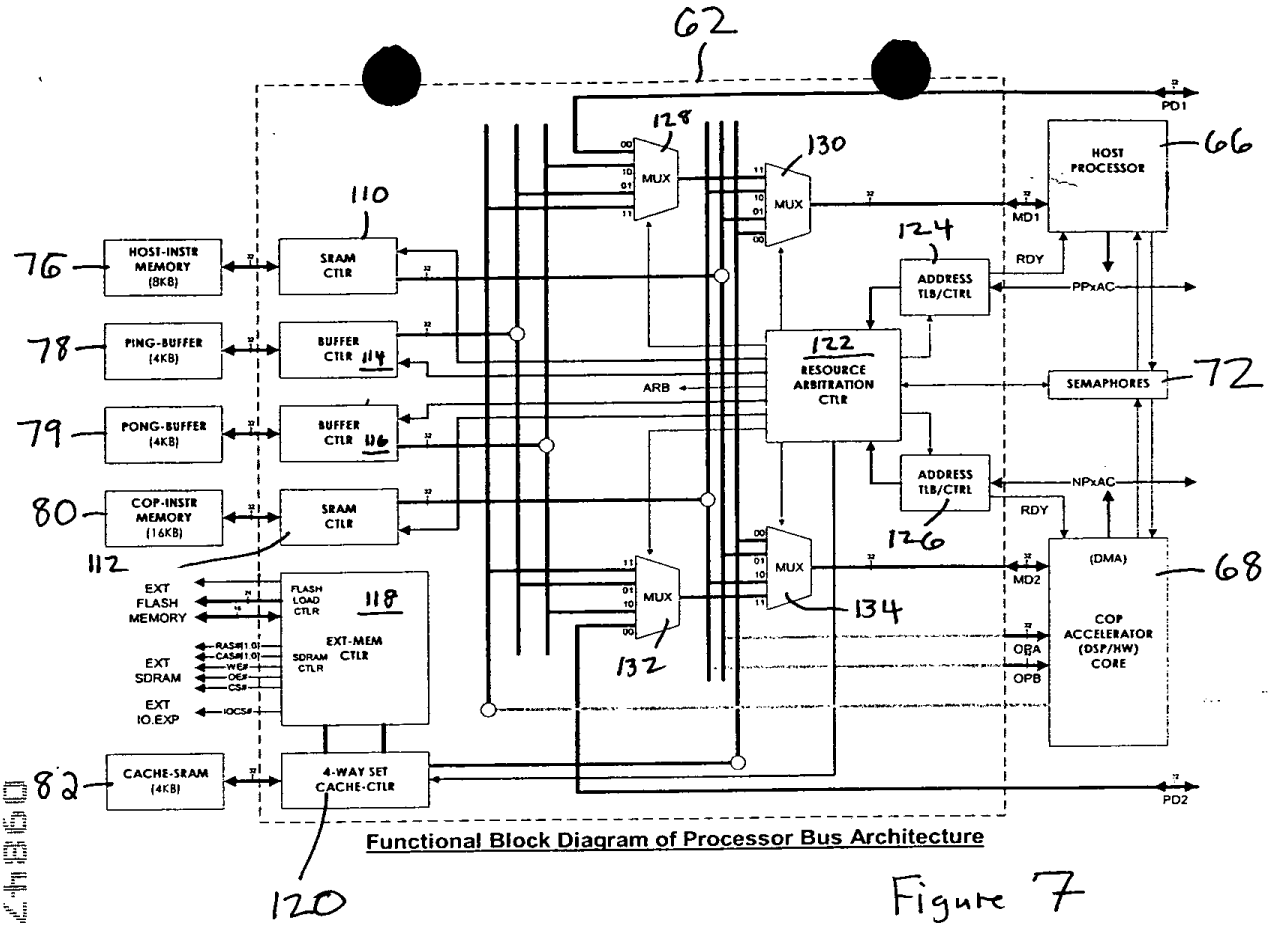


Functional Block Diagram of SDMI-SOC

Figure 6



Functional Block Diagram of Processor Bus Architecture

Figure 7

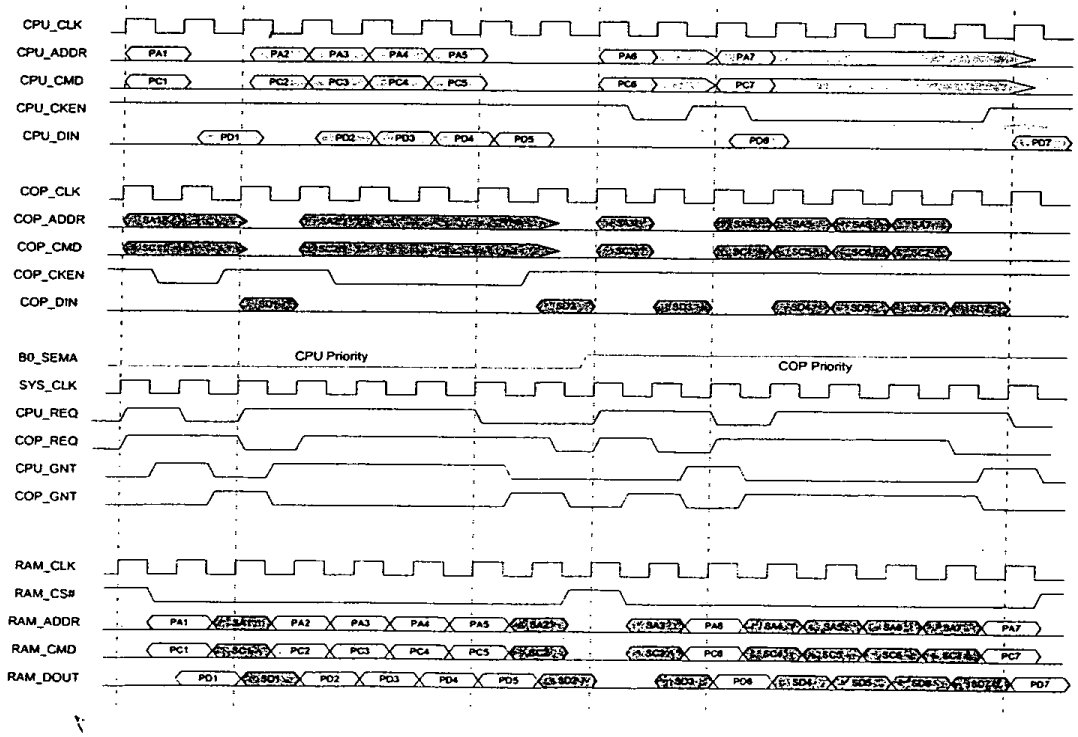
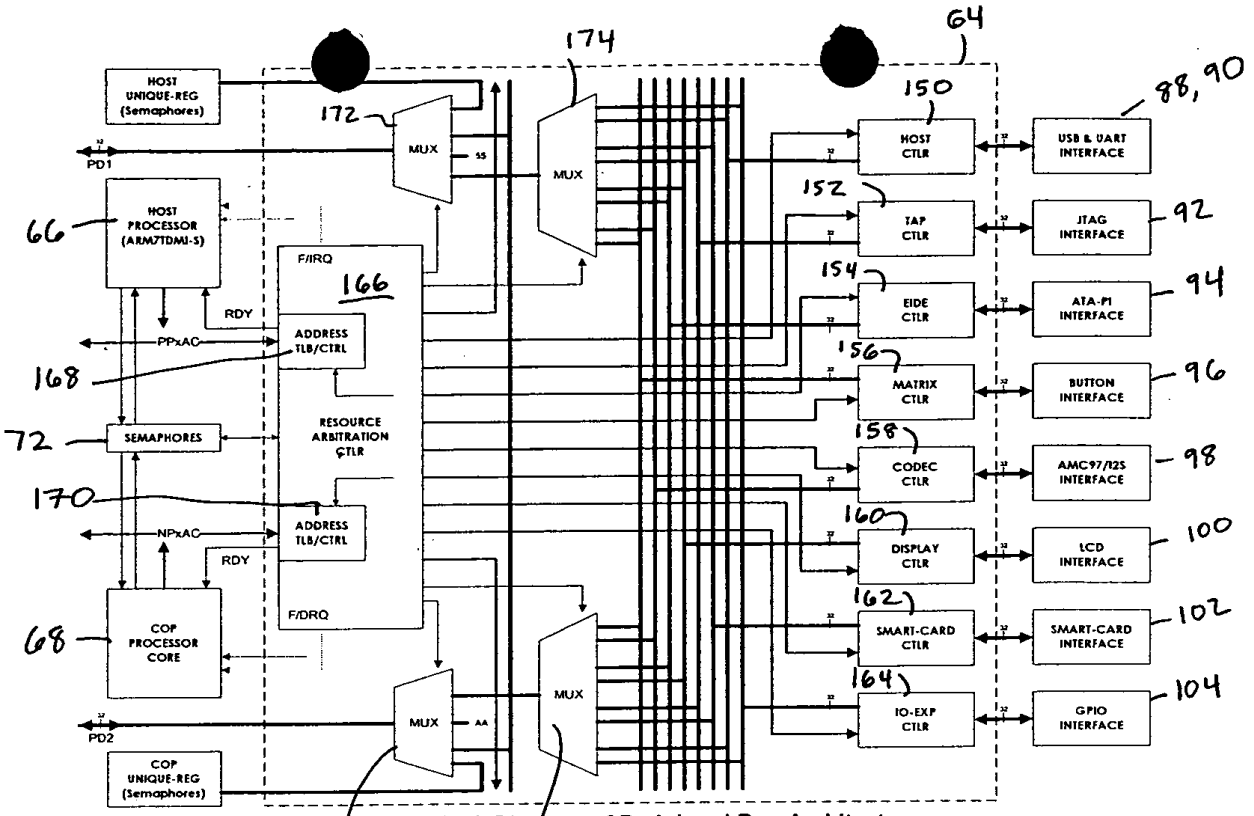


Figure 8



Functional Block Diagram of Peripheral Bus Architecture

Figure 9

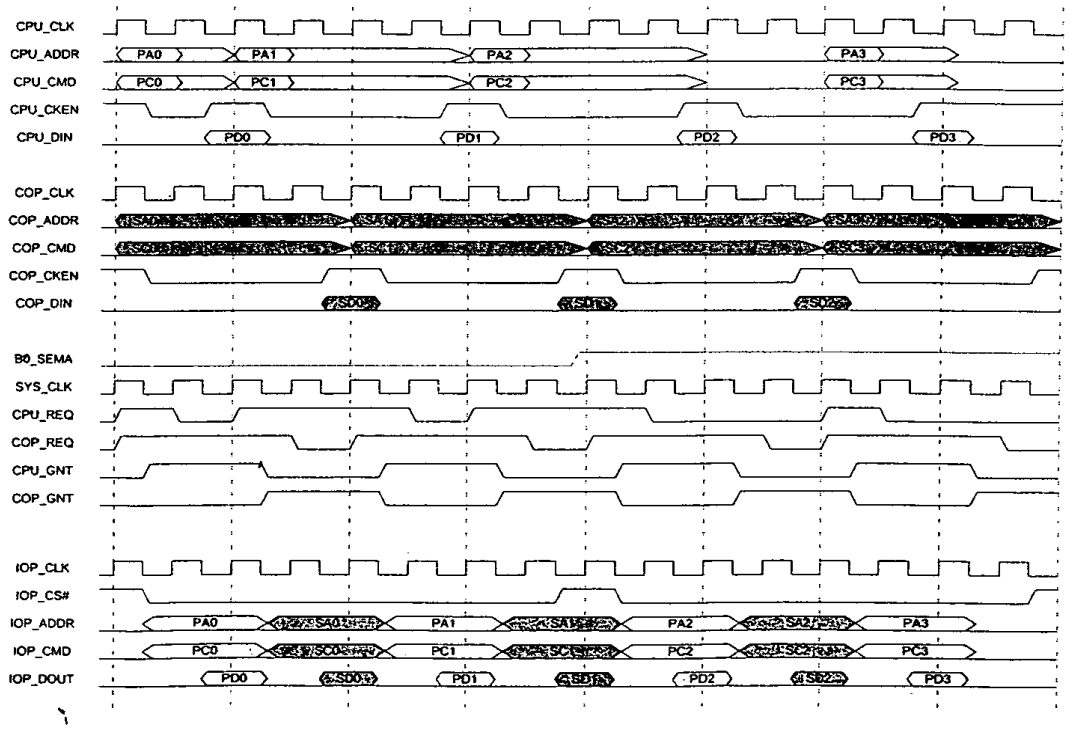


Figure 10